



Executive Summary

The Utah Department of Transportation (UDOT) commissioned a study of the U.S. Highway 40 (US 40) corridor between Milepost (MP) 21 near Heber City in Wasatch County, Utah, to MP 157 near Jensen in Uintah County, Utah. A study of this 136-mile-long highway segment was prompted by recent and anticipated commercial and residential growth in the region and the resulting need to address existing issues and to adequately plan for future transportation along the corridor.

Through the US 40 Corridor Study, UDOT documented the safety, congestion, and operation of US 40 and the economic vitality, environmental, and land-use impacts that affect corridor operation and safety. To focus data collection and analysis, the project team divided the corridor into eight segments. The overall intent of the study was to develop and prioritize a list of projects that UDOT could implement over the next 30 years. The resulting recommendations (53 projects and nine plans) reflect UDOT's vision, goals, and objectives for the corridor and input from residents and stakeholders.

This report describes the study process and presents the results in the following six chapters:

- Chapter 1: Introduction
- Chapter 2: General Description of the Study Corridor
- Chapter 3: Study Corridor Segment Details
- Chapter 4: Public Involvement
- Chapter 5: Project and Policy Recommendations
- Chapter 6: Implementation Plan and Cost Estimates

References cited in the text are listed in Chapter 7. This report also contains seven appendices that provide supporting information.

Chapter 1 introduces the study concept, describes the US 40 segments that were evaluated, and outlines UDOT's vision, goals, and objectives for the corridor.

The following eight segments were evaluated:

- Segment 1: Daniels Canyon
- Segment 2: Daniels Summit to Western Limit of Duchesne
- Segment 3: Duchesne Urban Area
- Segment 4: Eastern Limit of Duchesne to Western Limit of Roosevelt
- Segment 5: Roosevelt and Ballard Urban Areas
- Segment 6: Eastern Limit of Ballard to Western Limit of Vernal
- Segment 7: Vernal and Naples Urban Areas
- Segment 8: Eastern Limit of Naples to State Route (SR) 149

Chapter 2 describes the US 40 corridor in general, including the environmental setting, land use and demographics in the study area, existing roadway characteristics, and transportation plans that currently apply to the corridor.

Chapter 3 describes the corridor in greater detail by looking closely at each of the eight segments. The chapter describes the existing environmental and roadway conditions of each segment and provides information about how each segment is expected to operate in the future.

Chapter 4 provides information about UDOT's extensive public involvement process during the corridor study. The chapter describes how the corridor study team interacted with stakeholders, agencies, the Ute Tribe, and the general public.

Chapter 5 presents project, plan, and policy recommendations for the US 40 study corridor and describes how the recommendations were formulated. The 53 project recommendations include, but are not limited to, intersection improvements, passing-lane construction, highway widening, and signage improvements. The plan recommendations also list nine specific planning activities that UDOT should consider pursuing to address corridor-wide issues or issues that require coordination with local, state, and federal agencies. Policy recommendations focus on how UDOT might want to manage the corridor, especially in situations where coordination with other agencies is needed. Table ES-1 below summarizes the recommendations presented in detail in Chapter 5.



Table ES-1. Summary of Recommendations for the US 40 Corridor Study Area

Type of Project	Number of Projects
<i>Segment 1: Daniels Canyon</i>	
Passing Lane	2
Technology/Information	2
Total for Segment	4
<i>Segment 2: Daniels Summit to Western Limit of Duchesne</i>	
Passing Lane	10
Intersection	1
Turn Lane	1
Bridge	1
Technology/Information	1
Total for Segment	15
<i>Segment 3: Duchesne Urban Area</i>	
Intersection	1
Total for Segment	1
<i>Segment 4: Eastern Limit of Duchesne to Western Limit of Roosevelt</i>	
Passing Lane	6
Turn Lane	1
Interchange	3
Widening	1
Total for Segment	11
<i>Segment 5: Roosevelt and Ballard Urban Areas</i>	
Passing Lane	1
Intersection	2
Widening	1
Bicycle/Pedestrian	1
Total for Segment	5
<i>Segment 6: Eastern Limit of Ballard to Western Limit of Vernal</i>	
Passing Lane	4
Intersection	2
Interchange	2
Widening	1
Total for Segment	9

Table ES-1. Summary of Recommendations for the US 40 Corridor Study Area

Type of Project	Number of Projects
<i>Segment 7: Vernal and Naples Urban Areas</i>	
Intersection	3
Total for Segment	3
<i>Segment 8: Eastern Limit of Naples to SR 149</i>	
Passing Lane	2
Turn Lane	1
Total for Segment	3
<i>Multiple or All Segments</i>	
Bicycle/Pedestrian	1
Technology/Information	3
Safety/Emergency Response	3
Access/Routing	3
Drainage	2
Wildlife	1
Total	11

Chapter 6 includes a strategy for project implementation and cost estimates for 15 of the recommended construction projects. The implementation plan reviews how and when the projects might be constructed on a project segment basis and makes recommendations for how the projects might be phased. The cost estimates, which are very preliminary calculations of construction cost based on 2007 dollars, give UDOT and the public an idea of how much some of the top-priority projects might cost to construct.